

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of JAMES MALIGEORGOS ET AL.

Filed: JULY 31, 2003

For: PARTITIONING OF RADIO-FREQUENCY APPARATUS

Serial No.: 10/631,166

Group Art Unit: UNKNOWN

Examiner: UNKNOWN

Atty Dkt: SILA:127

Pursuant to 37 C.F.R. 1.8, I certify that this correspondence is being deposited with the U.S. Postal Service in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below:

11/24/03  
Date

Marty Jones  
Name

Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313

**STATEMENT UNDER 37 C.F.R. §3.73(b),  
ELECTION UNDER 37 C.F.R. §3.71, and  
POWER OF ATTORNEY**

Sir:

This document provides a Statement under §3.73 by the Assignee, an Election by the Assignee under §3.71 to prosecute at the exclusion of the inventor(s), and a Power of Attorney from the Assignee.

Statement Under §3.73(b)

The undersigned states that it is the Assignee of the entire right, title and interest in the Patent application identified above by virtue of either:

Assistant Commissioner for Patents

Page 2

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_ The document was recorded in the United States Patent and Trademark Office at \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Reel
2. From: \_\_\_\_\_ To: \_\_\_\_\_ The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_ The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Election under §3.71

The Assignee hereby elects under 37 C.F.R. §3.71 to prosecute the application to the exclusion of the inventor(s).

Power of Attorney

The Assignee revokes any previous Powers of Attorney and appoints Robert M. O'Keefe, Reg. No. 35,630; Richard D. Egan, Reg. No. 36,788; Brian W. Peterman, Reg. No. 37,908, William W. Enders, Reg. No. 41,735, and Maximilian R. Peterson, Reg. No. 46,469, each an attorney of the firm of O'KEEFE, EGAN & PETERMAN, LLP, as its attorney for so long as they remain with such firm, and Nestor F. Ho, Reg. No. 39,460, of Silicon Laboratories, Inc. with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.


Future Communications

Please direct all communications as follows:

William W. Enders  
O'KEEFE, EGAN & PETERMAN, LLP  
1101 Capital of Texas Highway South  
Building C, Suite 200  
Austin, Texas 78746  
512/347-1611  
FAX 512/347-1615

ASSIGNEE:

SILICON LABORATORIES, INC.

By:   
(Signature)

Name: Nestor F. Ho

Date: 11/21/03

Title: Chief Legal And Intellectual Property Counsel

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to SILICON LABORATORIES, INC., (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of business 4635 Boston Lane, Austin, Texas 78735, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent Serial No. 10/631,166 filed July 31, 2003 and is entitled "PARTITIONING OF RADIO-FREQUENCY APPARATUS," (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): James Maligeorgos  
James Maligeorgos

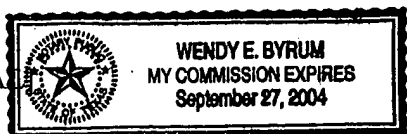
Date: 9/23/03

State of Texas )  
County of Travis )

BEFORE ME, the undersigned authority, on this 23 day of SEPTEMBER, 2003 personally appeared James Maligeorgos, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Wendy E. Byrum  
Notary or Consular Officer

[SEA]

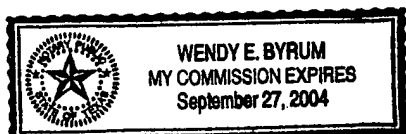


(Signature): Augusto Marques  
Augusto M. Marques

Date: 9/23/2003

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 23 day of SEPTEMBER, 2003, personally appeared Augusto M. Marques, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Wendy E. Byrum  
Notary or Consular Officer

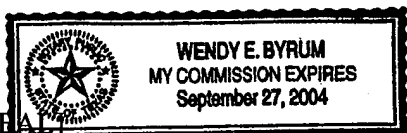
[SEAL]

(Signature): Lysander Lim  
Lysander Lim

Date: 9/23/03

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 23 day of SEPTEMBER, 2003, personally appeared Lysander Lim, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Wendy E. Byrum  
Notary or Consular Officer

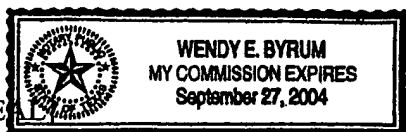
[SEAL]

(Signature): G. Tyson Tuttle  
G. Tyson Tuttle

Date: 9/23/03

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 23 day of SEPTEMBER, 2003, personally appeared G. Tyson Tuttle, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Wendy E. Byrum  
Notary or Consular Officer

[SEAL]

(Signature):   
Aslamali A. Rafi

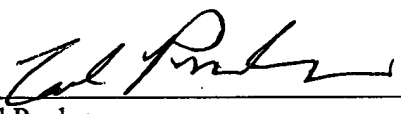
Date: 09/24/03

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 24 day of SEPTEMBER, 2003 personally appeared Aslamali A. Rafi, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



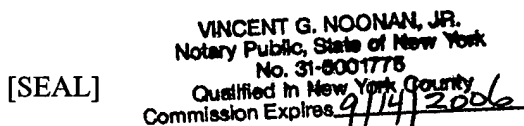
  
Notary or Consular Officer

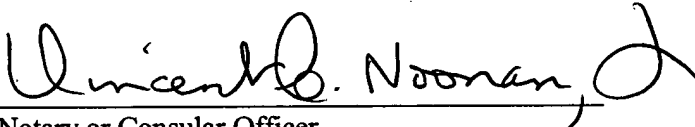
(Signature):   
Tod Paulus

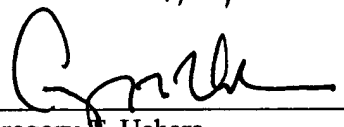
Date: 10-22-03

State of ~~Texas~~ NY )  
County of NY )

BEFORE ME, the undersigned authority, on this 22 day of OCTOBER, 2003 personally appeared Tod Paulus, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



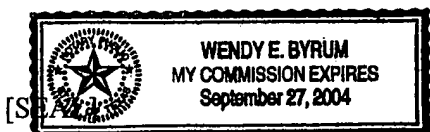
  
Notary or Consular Officer

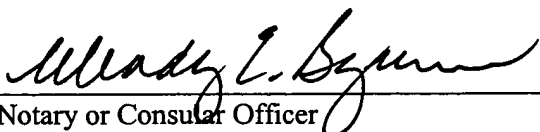
(Signature):   
Gregory T. Uehara

Date: 10/11/03

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 11 day of NOVEMBER, 2003 personally appeared Gregory T. Uehara, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

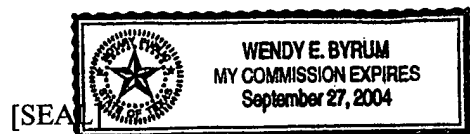


  
Notary or Consular Officer

(Signature): G. Diwakar Vishakhadatta Date: 10/4/03  
G. Diwakar Vishakhadatta

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 6 day of OCTOBER, 2003  
personally appeared G. Diwakar Vishakhadatta, known to me to be the person whose name is subscribed  
to the foregoing instrument and acknowledged to me that he executed the same of his own free will for  
the purposes and consideration therein expressed.

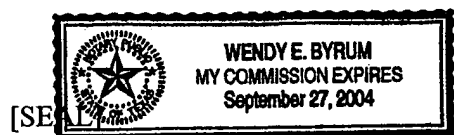


Wendy E. Byrum  
Notary or Consular Officer

(Signature): Vishnu Srinivasan Date: 9/25/03  
Vishnu S. Srinivasan

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 25 day of SEPTEMBER, 2003  
personally appeared Vishnu S. Srinivasan, known to me to be the person whose name is subscribed to the  
foregoing instrument and acknowledged to me that he executed the same of his own free will for the  
purposes and consideration therein expressed.

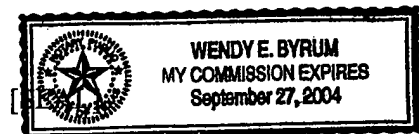


Wendy E. Byrum  
Notary or Consular Officer

(Signature): Caiyi Wang Date: 11/11/2003  
Caiyi Wang

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 11 day of NOVEMBER, 2003  
personally appeared Caiyi Wang, known to me to be the person whose name is subscribed to the  
foregoing instrument and acknowledged to me that he executed the same of his own free will for the  
purposes and consideration therein expressed.



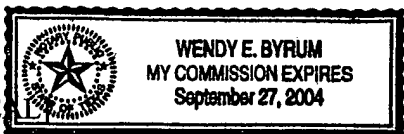
Wendy E. Byrum  
Notary or Consular Officer

(Signature): Jeff W. Scott  
Jeffrey W. Scott

Date: 10/8/03

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 8 day of OCTOBER, 2003, personally appeared Jeffrey W. Scott, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Wendy E. Byrum  
Notary or Consular Officer

(Signature): Richard T. Behrens  
Richard T. Behrens

Date: 10/17/03

State of Colorado )  
County of Broomfield )

BEFORE ME, the undersigned authority, on this 17<sup>th</sup> day of October, 2003, personally appeared Richard T. Behrens, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Lina J. McBride  
Notary or Consular Officer  
*My commission expires 1.22.04*

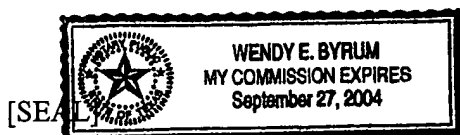
[SEAL]

(Signature): Donald A. Kerth  
Donald A. Kerth

Date: 9/25/03

State of Texas )  
County of TRAVIS )

BEFORE ME, the undersigned authority, on this 25 day of SEPTEMBER, 2003, personally appeared Donald A. Kerth, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Wendy E. Byrum  
Notary or Consular Officer





**DECLARATION  
FOR PATENT APPLICATION**

As an undersigned inventor, I hereby declare that:

My residence, post office address and country of citizenship are as stated directly below my name.

I believe (check one) ☐ I am the original, first and sole inventor  
☒ I am a joint inventor and the below named inventors are the  
original and first inventors

of the subject matter which is claimed and for which a patent is sought on the invention entitled

**PARTITIONING OF RADIO-FREQUENCY APPARATUS**

the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on July 31, 2003,  
as Application Serial No. 10/631,166,  
and was amended on \_\_\_\_\_.  
(if applicable)

I further declare that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office (hereinafter "the Office") all information known to me to be material to patentability of the subject matter which is claimed as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate indicated below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
_____	_____	_____	_____	<b>X</b>

I hereby claim the benefit under 35 U.S. C. §119(e) of any United States provisional application listed below:

<u>Provisional Application Serial No.</u>	<u>Filing Date</u>
60/399,988	7/31/02
60/405,959	8/26/02
60/261,506	1/12/01
60/273,119	3/2/01
60/333,940	11/28/01
60/339,819	12/13/01

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status (patented, pending, abandoned)</u>
10/075,094	2/13/02	Pending
09/821,342	3/29/01	Pending
09/708,339	11/8/00	Pending
09/087,017	5/29/98	Patented (USP No. 6,167,245)
10/075,122	2/12/02	Pending
10/075,099	2/12/02	Pending
10/074,676	2/12/02	Pending

Address all correspondence and telephone calls to the following:

William W. Enders  
O'KEEFE, EGAN & PETERMAN  
1101 Capital of Texas Highway South  
Building C, Suite 200  
Austin, TX 78746  
(512) 347-1611  
(512) 347-1615 (Fax)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and may jeopardize the validity and/or enforceability of the application or any patent issued thereon.

Full name of first inventor: James Maligeorgos

Inventor's Signature

James Maligeorgos

9/23/03  
Date

Residence: 2600 Lake Austin Blvd., #8103, Austin, Texas 78703

Citizenship: Canadian

Residence and Post Office Address: Same as above

Full name of second joint inventor: Augusto M. Marques

Inventor's Signature

Augusto Marques

9/23/2003  
Date

Residence: 6804 La Concha Cove, Austin, Texas 78749

Citizenship: PORTUGAL

Residence and Post Office Address: Same as above

Full name of third joint inventor: Lysander Lim

Inventor's Signature

Lysander Lim

9/23/03  
Date

Residence: 5709 Travis Green Lane, Austin, Texas 78735

Citizenship: Canadian

Residence and Post Office Address: Same as above

Full name of fourth joint inventor: G. Tyson Tuttle

Inventor's Signature

G. Tyson Tuttle

9/23/03  
Date

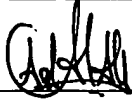
Residence: 4305 Avenue D, Austin, Texas 78751

Citizenship: U.S.A.

Residence and Post Office Address: Same as above

Full name of fifth joint inventor: Aslamali A. Rafi

Inventor's Signature



09/24/03

Date

Residence: 6636 W. William Cannon Drive, #1223, Austin, Texas 78735

Citizenship: India

Residence and Post Office Address: Same as above

Full name of sixth joint inventor: Tod Paulus

Inventor's Signature



10-21-03

Date

Residence: 301 E. 4<sup>th</sup> Street, #335, Austin, TX 78701

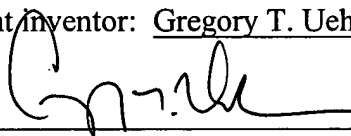
Citizenship: U.S.A.

Residence and Post Office Address: Same as above

77 W. 15<sup>th</sup> St Apt 3-0, New York, NY 10011

Full name of seventh joint inventor: Gregory T. Uehara

Inventor's Signature



9/24/03

Date

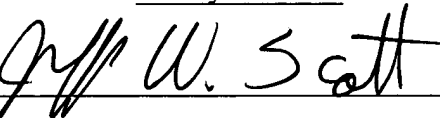
Residence: 1515 Mohle Drive, Austin, Texas 78703

Citizenship: U.S.A.

Residence and Post Office Address: Same as above

Full name of eighth joint inventor: Jeffrey W. Scott

Inventor's Signature



10/8/03

Date

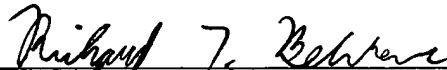
Residence: 10904 Beacham Court, Austin, Texas 78739

Citizenship: U.S.A.

Residence and Post Office Address: Same as above

Full name of ninth joint inventor: Richard T. Behrens

Inventor's Signature



10/16/03

Date

Residence: 2477 Ginny Way, Lafayette, CO 80026

Citizenship: U.S.A.

Residence and Post Office Address: Same as above

Full name of tenth joint inventor: Donald A. Kerth

Inventor's Signature Donald A. Kerth

9/25/03  
Date

Residence: 1002 Elm Street, Austin, Texas 78703

Citizenship: U.S.A.

Residence and Post Office Address: Same as above

Full name of eleventh joint inventor: G. Diwakar Vishakhadatta

Inventor's Signature G. Diwakar Vishakhadatta

10/4/2003  
Date

Residence: 3903 Idlewild Road, Austin, Texas 78731

Citizenship: INDIA

Residence and Post Office Address: Same as above

Full name of twelfth joint inventor: Vishnu S. Srinivasan

Inventor's Signature Vishnu Srinivasan

9/25/03  
Date

Residence: 5356 Magdalena Drive, Austin, Texas 78735

Citizenship: INDIA

Residence and Post Office Address: Same as above

Full name of thirteenth joint inventor: Caiyi Wang

Inventor's Signature Caiyi Wang

9/25/03  
Date

Residence: 5729 Trelawney Lane, Austin, Texas 78739

Citizenship: U.S.A.

Residence and Post Office Address: Same as above